

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION
MCDR INSPECTION REPORT
BHUBANESWAR REGIONAL OFFICE**

General:

SL. No.	Particulars	Details
1	Name of the Mine	Jaribahal Iron Ore Mines
2	Date of inspection	14-03-2024
3	Name of inspecting officer	Prashant S Hegde, RMG
4	Name accompanying mine officials	S/Shri D.N Parida, Mines Agent, Prafulla Kumar Parida, DGM(Geology), S.K. Panda, Mines Manager, S.K. Prusty, Mining Engineer, Pritam Keshari Patra, Geologist and other mine officials.
5	Last date of Inspection & Officer	22/10/2022 Shri R.K.Das, DCOM
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	107.44 Ha. (99.679 Ha Forest + 7.761 Ha Non-forest)
7	Minecode	30ORI08120
8	IBM Registration Number under rule 45 of MCDR, 2017	IBM/7805/2011
9	Name of the lessee, Address, phone, email and fax number	M/s Kashvi International Pvt. Ltd. 1234/P Govind Prasad, Bomikhal, Rasulgarh, Bhubaneswar State-Odisha, Pin code-751010 Phone No- 06742549944 Fax No- 06742549944 Email- groupkashvi@gmail.com
10	Village	Jaribahal
11	Taluka/Mandal	Barbil
12	District	Keonjhar
13	Pincode	758034
14	State	Odisha
15	Post office	Bamebari
16	Nearest police station	Bamberi
17	Nearest Railway station	Jaroli
18	Date of Grant of Mining Lease	29.06.2020
19	Date of Execution	29.06.2020
20	Date of opening of Mine	25.07.2020
21	Date of expiry	28.06.2070
22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. Debabrata Behera Managing Director M/s Kashvi International Pvt. Ltd. 1234/P Govind Prasad, Bomikhal, Rasulgarh, Bhubaneswar State-Odisha, Pin code-751010 Phone No- 06742549944 Fax No- 06742549944 Email- groupkashvi@gmail.com
23	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri D.N. Parida At/Po: Baneikala, Joda Dist-Keonjhar, Pin-758034

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		State-Odisha Mobile No: 6371160044 Date Of Appointment-07.09.2020
24	Name of the Mines Manager with Address, mobile no, email, fax number and date of appointment in mine	Shri S.K. Panda (AMIE)-Mining At- Ward No-03 Po- Joda Dist- Keonjhar Odisha, Phone No- 9437355832 Email- suryakantapanda1970@gmail.com Date of Appointment – 15.07.2020
25	Name of the Mining Engineer , Qualification and total experience with Address, mobile no, email, fax/phone number and date of appointment in mine	Shri Sanjaya kumar Prusty (AMIE)-Mining At/Po - Anal Via - Mathakargola Dist -Dhenkanal Odisha,759024 Ph. No.- 8480903138 Email- skprusty041@gmail.com Total Experience-12years Date Of Appointment-16.08.2020
26	Name of the Geologist , Qualification and total experience with Address, mobile no, email, fax number and date of appointment in mine	Shri Pritam Keshari Patra M.Sc (Geology), At-Badahal Po- Keonjhar town Dist- Keonjhar Odisha,758001 Ph. No.-9437214696 Email- pritam4696@gmail.com year of experience-17years Date Of Appointment-03.09.2020
27	Date of Approval of Mining Plan/Review of Mining Plan/ their modifications with five-year period and specific condition in approval letter, if any.	(1)Approval of Mining Plan No. MP/A/19-ORI/BHU/2020-21 dated 05.11.2020 (2020-21 to 2024-25) (2)Modifications of Mining Plan approved vide letter no-MCDR-MiFLOFE/6/2022-BBS-IBM_RO_BBS dt. 19.04.2023 (2023-24 to 2024-25)
28	Mineral (s) granted in lease and proved for mining	Iron ore
29	Method of Mining(Open cast, Underground)	Open cast
30	Category (Fully Mechanised, Others or Manual)	Fully Mechanized
31	Captive/Non Captive	Captive
32	Present EC Capacity	0.998 MTPA

OBSERVATIONS/COMMENTS OF INSPECTING OFFICER:**1)Exploration:---**

SL.No	Item	Proposals	Actual work	Remarks
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.		(FY 2022-23)		
1a	Backlog of previous year	2022-23: NIL 23-24: 19 nos of non-core BHs with 950 total meterage+ 3 nos of Core BHs with 180 metage	2022-23: 13 Nos of BHs (8 nos Core+5 nos Non-Core) with 817 total meterage. 2023-24: 7 nos non-core BHs drilled so for and remaining under progress.	_____
1b	Exploration over lease area for Geological axis 1 or 2.	Proposals of conversion of G-2 to G-1	G1-69.88 Ha G2-37.56 Ha	_____
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NIL	APC Drilling & Construction Pvt. Ltd., Gemco kati Exploration Pvt. Ltd. Expenditure: 53.41 Lakhs.	_____
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	G2-37.56 Ha; Conversion of G-2 to G-1 proposed at Modified MP dated 19.04.2023.	_____
1e	Balance reserves as on 01.04.2023	NA	Iron Ore (+45 % Fe) reserves: 111: 4,974,555 tonnes (Average Grade 54.79 % Fe)	Based on approved modified MP dated 19.04.2023 & subsequent depletion
1f:	General remarks of inspecting Officer on Geology, exploration etc.	Jaribahal ML area is a south eastern part of the Singhbhum-Keonjhar-Bonai belt. This deposit occupies a south central position on the eastern limb of the synclinerium. The main rock types found in this mine are Laterite, Lateritic iron ore, Hematite (Laminated, blue dust), BHJ/BHQ. Based on exploration data, the configuration of ore body as follows. Iron ore: 550m X 85m X 45m (Average Grade 54.79 % Fe)		

2)Development:--

SL. No.	Item	Proposals (FY 2022-23)	Actual work	Remarks
2a	Location of development w.r.t. lease area	Quarry-1&2, Quarry-5, Quarry-6, Quarry-9 (i.e. North-Central, Central and south-central parts of ML i.e. Sections: X ₁₀ Y ₁₀ , X ₈ Y ₈ , X ₇ Y ₇ X ₆ Y ₆ , X ₅ Y ₅ , X ₄ Y ₄ , and	Developments at Quarry-1&2, Quarry-5 only. Subsequently MP modified on 19.04.2023 as Quarry nos. 6 & 9 found to be barren.	NIL

		X ₃ Y ₃ ;) (N215530.40-N215456.92 &E-852435.97-E852458.16)		
2b	Separate benches in topsoil, overburden and mineral	Separate benches in overburden and minerals ; No top-soil generation;	Broadly as per proposals.	_____
2c	Stripping ratio or ore to OB ratio	1: 0.319	1: 5.55 Subsequently MP modified on 19.04.2023	Ratio in T:T &BD:2
2d	Quantity of topsoil generation in m3	No proposals	Nil	_____
2e	Quantity of overburden generation in m3	159,100 m3	2,767,669.7 m ³ Subsequently MP modified on 19.04.2023	Due to narrow /pocket/irregular nature of ore body occurrence at some of locations.
2f	General remarks of inspecting Officer on development of pit w.r.t. type of deposit etc	Developments of pits were not carried as per the approved MP during year 2022-23 due to narrow /pocket/irregular nature of ore body occurrence at some of locations and Quarry nos. 6 & 9 found to be barren. Subsequently MP modified on 19.04.2023 and presently developments are being carried out as per approved modified MP.		

3)Exploitation:--

SL.No.	Item	Proposals (FY 2022-23)	Actual work	Remarks
3a	Number of pits proposed for production	Quarry-1&2, Quarry-5, Quarry-6, Quarry-9 (Five nos of pits)	Quarry-1&2, Quarry-5 only. Subsequently MP modified on 19.04.2023 as Quarry nos. 6 & 9 found to be barren.	NIL
3b	Quantity of ROM mineral production proposed	998,000 Tonnes	997,550 Tonnes	_____
3c	Recovery of salable/usable mineral from ROM	50.4 % (503578 Tonnes)	19.6% (196116 Tonnes) Subsequently, MP modified on 19.04.2023 with no MR	+55 % Fe

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	production		and + 45% Fe utilization.	
3d	Quantity of mineral reject generation	494,442 Tonnes	785,238 Tonnes Subsequently, MP modified on 19.04.2023 with no MR and +45 % Fe ore utilization.	_____
3e	Grade of mineral reject generation and threshold value declared	MR: 45 to 55 % Fe	MR: 45 to 55 % Fe	Threshold value of Iron Ore : +45 % Fe
3f	Quantity of sub-grade mineral generation	Same as para 3d		Sub-grade mineral/ mineral reject are being stacked separately & utilized by blending as per the market demand & captive consumption.
3g	Grade of sub-grade mineral generation	Same as para 3e		
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Mechanized	-----
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	NIL	_____
3j	Provision of drilling & blasting in mineral benches	Deep Whole drilling with controlled type of blasting with depth 6.6m, spacing up to 2.5m & burden 2m.	Presently Deep Hole drilling with controlled type of blasting and depth of drilling 9.9m, spacing up to 2.5m & burden 2m Subsequently, MP modified on 19.04.2023.	Drilling with 100-115 mm diameter.
3k	Provision of mining machineries	Yes, mining by Excavators & Dumpers Combination.	As per proposals.	_____

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	in mineral benches																							
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6m bench height with 9 m width	9m bench height with 12 to 15 m width as per subsequently, approved modified MP dated 19.04.2023.	_____																				
3m	Total area covered under excavation/pits	66.204 Ha (end of plan period)	48.31 Ha	_____																				
3n	Ore to OB ratio for the pit/mine during the year	1: 0.319	1: 5.55 Subsequently MP modified on 19.04.2023	Ratio in T:T &BD:2																				
3o	Total area put in use under different heads at the end of year	<table border="1"> <thead> <tr> <th>Particulars</th> <th>Total Area(Ha) at the end of Plan period</th> </tr> </thead> <tbody> <tr> <td>Area under Mining</td> <td>66.204</td> </tr> <tr> <td>Overburden/Waste dumping</td> <td>15.35</td> </tr> <tr> <td>Mineral Storage</td> <td>15.905</td> </tr> <tr> <td>Area Occupied Infrastructure, plants, buildings , roads etc</td> <td>3.481</td> </tr> </tbody> </table>	Particulars	Total Area(Ha) at the end of Plan period	Area under Mining	66.204	Overburden/Waste dumping	15.35	Mineral Storage	15.905	Area Occupied Infrastructure, plants, buildings , roads etc	3.481	<table border="1"> <thead> <tr> <th>Particulars</th> <th>Total Area(Ha) at the end of FY 2022-23</th> </tr> </thead> <tbody> <tr> <td>Area under Mining</td> <td>48.31</td> </tr> <tr> <td>Overburden/Waste dumping</td> <td>16.24</td> </tr> <tr> <td>Mineral Storage</td> <td>11</td> </tr> <tr> <td>Area Occupied Infrastructure, plants, buildings , roads etc</td> <td>6.96</td> </tr> </tbody> </table>	Particulars	Total Area(Ha) at the end of FY 2022-23	Area under Mining	48.31	Overburden/Waste dumping	16.24	Mineral Storage	11	Area Occupied Infrastructure, plants, buildings , roads etc	6.96	Subsequently modified MP approved on 19.04.2023.
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3p	Production of ROM mineral during last five-years period, as applicable	2020-21: 998,000 2021-22: 998,000 2022-23: 998,000 2023-24: 998,000	2020-21: 798,530 2021-22: 997,140 2022-23: 997,550 2023-24: 961,335 (upto Feb-24)	Unit: In tonnes; Date of opening of mine on 25.07.2020																				
3q	General remarks of inspecting Officer on method of mining etc		Open-cast fully mechinsed mining method is being carried . It is an auction mine of ML expired on 31/3/2020 with Final Bid premium of 150 %. Necessary modifications have been made in earlier AMP on 19.04.2023. Presently, the mining operation is as per the modified MP.																					

4)Solid Waste Management-Dumping:--

SL.No	Item	Proposals (FY 2022-23)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	No Topsoil ; Separate Dumping OB wastes and stacking of Mineral reject proposed.	As per proposals.	_____
4b	Location of topsoil, OB & mineral reject dumps	Top soil generation –Nil Mineral reject- At proposed mineral rejects stock No 1&2 and utilized by blending. Proposed waste dump-1 E336215-336410 N2424580-2424590 Proposed waste dump-2 E335340-335490 N2424550-2424640	Dumping of OB/waste is being dumped in Dump-2 (that previously dump-4& dump-2) and parts of waste are dumped as Backfilling in BF-1 (335541E-335288E & 2424525N- 2424369N) (i.e. exhausted part of pits). Mineral rejects stacking and utilized as per the proposals. Subsequently modified MP approved on 19.04.2023.	_____
4c	Number of dumps within lease area and outside lease area	Three nos dumps within the lease area.	Three nos dump within the lease area.	_____
4d	Location of dumps w.r.t. ultimate pit limit	Outside of UPL (South western and eastern part of ML)	As per the proposals.	_____
4e	Number of active & alive dumps	Two active dumps only.	One active Dump and back-filling at BF-1 at exhausted part of pits. Subsequently modified MP approved on 19.04.2023	_____
4f	Number of dead dumps	One	Two ; Subsequently modified MP approved on 19.04.2023	_____
4g	Number of dumps stabilised	NIL	one	_____
4h	Whether	Yes; Retaining wall or	Constructed 688 m Retaining	_____

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	Retaining wall or garland drain all along dumps are there	garland drain all along dump.	wall & garland drains all along dumps.	
4i	Length of Retaining wall or garland drain all along dump	Maintenance of Retaining Wall & Garland drain	Maintenance as per the proposals. Besides Retaining Wall of 180 mtr constructed.	_____
4j	Number of settling ponds	Nil	Maintenance of Existing Settling Ponds	_____
4k	Specific comments of inspecting Officer on waste dump management	Management of western part of Overburden Wastes Dump No.2 has not been proper due to non-development of terraces to reduce the dump height and not suitable protective measures to prevent the escape of material therefrom & dump stabilization. Violation pointed out.		

5) Solid Waste Management-Backfilling:--

SL.No	Item	Proposals (FY 2022-23)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No such proposals.	After exploration, it is found that pits nos Q-6 & Q-9 were barren (Mined –out area).	_____
5b	Area under backfilling of mined out area	No such proposals.	7.58Ha. Subsequently modified MP approved on 19.04.2023 with back-filling proposals.	_____
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	NA	NIL	_____
5d	Total area fully reclaimed & rehabilitated	NA	NIL	_____
5e	General remarks of inspecting Officer on backfilling and reclamation etc	After exploration, it is found that pits nos Q-6 & Q-9 were barren. Subsequently modified MP approved on 19.04.2023 with back-filling proposals. As on date of inspection, it is reported that 15.56 Ha area back-filled as per the modified approved proposals.		

6) Progressive Mine Closure Plan:---

SL.N.	Item	Proposals (FY 2022-23)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2). (Hard copy same provided)	Before 1 st July 2023	Submitted on time	NIL
6b	Management of worked/ mined out benches/dumps i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	i)NA ii) 0.625 Ha iii) 2,000 nos iv) 9,000 nos v)Plantation vi) Rs 30,000	i)Nil ii) 1.5Ha(Dump terrace, on barren land, gap plantation) iii)4,412 nos iv) 15,002nos v) Plantation vi) Rs 62,000	NIL
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	i)NIL ii) NIL iii)NIL iv)NIL v)NIL	i) 7.58Ha ii) 7.58Ha iii)NIL iv)NIL v)NIL	After exploration, it is found that pits nos Q-6 & Q-9 were barren. Subsequently modified MP approved on 19.04.2023 with back-filling proposals.
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i)NIL ii)Nil iii)Nil	i)NIL ii)Nil iii)Nil	NIL
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring in Core zone and buffer zone will be as per MOEF	Environmental monitoring in Core zone and buffer zone was carried out as per the proposals	NIL

		and SPCB guidelines.	and parameters are within the limit.	
6f	General remarks of inspecting Officer on PMCP compliance & progressive closure operation etc	Lessee has implementing PMCP proposals as per approved MP. After exploration, it is found that pits nos. Q-6 & Q-9 were barren. Subsequently modified MP approved on 19.04.2023 with back-filling proposals. As on date of inspection, it is reported that 15.56 Ha area back-filled as per the modified approved proposals.		

7)Mineral Conservation:---

SL.No	Item	Proposals ((FY 2022-23)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting to Fines & CLO by crushing and screening within lease area.	As per proposals	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	NIL
7c	Different grade of mineral sorted out at mines	Iron Ore of different size (Fines & CLO) and Grade wise sorting and dispatched (Fine Iron Grade range- 45 to below 55 % Fe, 51- below 55% Fe, 55-below 58% Fe, 58-below 60% Fe,) and CLO	As per proposals	
7d	Any beneficiation process at mines	None Except dry crushing & screening	As per proposals.	NIL
7e	General remarks of inspecting Officer on mineral conservation & beneficiation issues	Grade-wise sorting to fines/CLO & dispatches of ore/mineral as per the proposals and generally low grade deposit in the mine. Wet screening and Jigging proposed in modified MP and not yet started. Further, lumps and fines ratio also modified to 20:80 at approved in modified MP.		

8)Environment:--

SL.No.	Item	Proposals (FY 2022-23)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	No such proposals.	Nil	---
8b	Concurrent use or storage of topsoil	No such proposals.	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines	OB Waste from pit nos Q-1, 2 and 5 will be disposed of at proposed waste	Dumping of OB waste in Dump-2 and part of waste are dumped as Backfilling in BF-1	Subsequently modified MP approved on 19.04.2023 with back-

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		dump-1 and waste to be generated from pits nos Q-6 &9 will be disposed at proposed waste dump-2.	(i.e. Exhausted part of pits)	filling proposals.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposals	7.58Ha. area backfilled. Subsequently modified MP approved on 19.04.2023 with back-filling proposals.	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No such proposals	7.58Ha. Subsequently modified MP approved on 19.04.2023 with back-filling proposals.	Nil
8f	Baseline information on existence of plantation & additional plantation done	2000 nos sapling plantation proposals during FY 22-23.	4412 nos saplings planted in 1.5 Ha area during year 22-23 with cumulative 15,002 nos of saplings.	_____
8g	Survival rate	NA	99 %	_____
8h	Water sprinkling on roads to control airborne dust	Regular sprinkling of water on Haul roads, crushing & screening plant site and dump location etc using Water tanker to suppress the dust.	Carried out as per the proposals.	_____
8i	General remarks of inspecting Officer on aesthetic beauty in & around mines area.	Aesthetic beauty in & around mines area is good as lessee implementing the PMCP proposal and carried out plantation as per the proposals.		

9)Compliance of Rule 45

SL.No.	Item	COMMENTS	Remarks.
9a	Status of submission of Monthly and Annual returns	Regularly submitting the MRs/ARs on-time. However, the lessee had submitted April-2023 MR on 10/5/2023 and violation pointed out for delay in submission of MR .	Nil

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S.N.	Item	Details GIVEN in A.R.	Actual in field	_____																
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines Manager: Shri S.K. Panda Mining Engineer: Shri Sanjaya kumar Prusty Geologist: Shri Pritam Keshari Patra	Actual also the same.	_____																
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(1) Covered under current (O/C) Workings- 48.31 Ha (2) Used for Waste Disposal- 16.24 Ha (3) Reclaimed area: 7.58 Ha (4) Occupied by plant, buildings, residential, welfare, buildings and roads- 6.96 Ha (5) Other Purpose (including SZ & private land)- 10.45 Ha	Actual also as per AR.	_____																
9d	Scrutiny of Annual return on afforestation	4,412 nos	Actual also as per AR	_____																
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	During year-22-23 <table border="1"> <tr> <td>Iron Unprocessed Ore (45-55 % Fe)</td> <td>NIL</td> </tr> <tr> <td>Iron Processed Ore (45-55 % Fe)</td> <td>NIL</td> </tr> </table>	Iron Unprocessed Ore (45-55 % Fe)	NIL	Iron Processed Ore (45-55 % Fe)	NIL	Information furnished not matching with actual.	Violation pointed out.												
Iron Unprocessed Ore (45-55 % Fe)	NIL																			
Iron Processed Ore (45-55 % Fe)	NIL																			
9f	Scrutiny of Annual return on ROM stock and/or graded ore	As on 31.03.2023 tonnes Stock Iron ROM: 19,509 t <table border="1"> <tr> <th colspan="2">Fines closing stock in tonnes</th> </tr> <tr> <td>45%- below 51 % Fe</td> <td>70</td> </tr> <tr> <td>51%- below 55 % Fe</td> <td>12,807</td> </tr> <tr> <td>55%- below 58%Fe</td> <td>879</td> </tr> <tr> <td>58%- below 60%Fe</td> <td>12,004</td> </tr> <tr> <td>60%- below 62%</td> <td>NIL</td> </tr> <tr> <th colspan="2">CLO stock in tonnes</th> </tr> <tr> <td><62% Fe (clo any size)</td> <td>81,011</td> </tr> </table>	Fines closing stock in tonnes		45%- below 51 % Fe	70	51%- below 55 % Fe	12,807	55%- below 58%Fe	879	58%- below 60%Fe	12,004	60%- below 62%	NIL	CLO stock in tonnes		<62% Fe (clo any size)	81,011	Appear to be correct.	_____
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9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production: Rs-1200 per tonne; Ex-mine price: <table border="1"> <tr> <th colspan="2">Ex-mine Price of Iron ore Lumps in Rs per tonne</th> </tr> <tr> <td>51%- below</td> <td>1180.15</td> </tr> </table>	Ex-mine Price of Iron ore Lumps in Rs per tonne		51%- below	1180.15	Cost of Production and ex-mine price were not matching as captive mine and auctioned mine of 150 % bid	V/L issued												
Ex-mine Price of Iron ore Lumps in Rs per tonne																				
51%- below	1180.15																			

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		55% Fe		premium.	
		Ex-mine Price of Iron ore Fines in Rs per tonne			
		45%- below 51 % Fe	582.37		
		51%- below55% Fe	874.98		
		55%- below 58%Fe	880		
		58%- below 60%Fe	1050		
		Ex-mine Price for CLO in Rs per tonne			
		<62% Fe (clo any size)	1180.15		
9i	Scrutiny of Annual return on fixed assets	Fixed Value of Assets: Rs 105,65,51,145		Appear to be correct.	_____
9k	Scrutiny of Annual return on mining machineries	Back Hoe: 9 nos; Blast Hole Drill: 3 nos; Rock drill: 3 nos Wheel Loader:3 nos; Dumpers (35 T):35 nos ; Crusher: 1nos; Generator: 4 nos; pumps: 4 nos		Observed to be correct.	_____

(10) Violation observed during current inspection and compliance position of earlier violation pointed out:

(a) Compliance position of earlier violation pointed out: Earlier, inspection of mine was carried out on 22/10/2022. As per records, there is no outstanding violation.

(b) During current inspection: The violation of Rules 37(2), 45(5)(b) and 45(7) of MCDR 2017 have been observed and the violation letter issued on 18/04/2024.

(11) On-line validation of star rating of templates submitted under rule 35 (FY-2022-23) has been made on 19/3/24 for four star at RO level.

(12) The lessee was submitted DAI/drone survey data under rule 34A for FY 22-23 on 27/6/2023.

Date: 18/04/2024

(Prashant S. Hegde)
Regional Mining Geologist